

FIG. 1 PRIOR ART

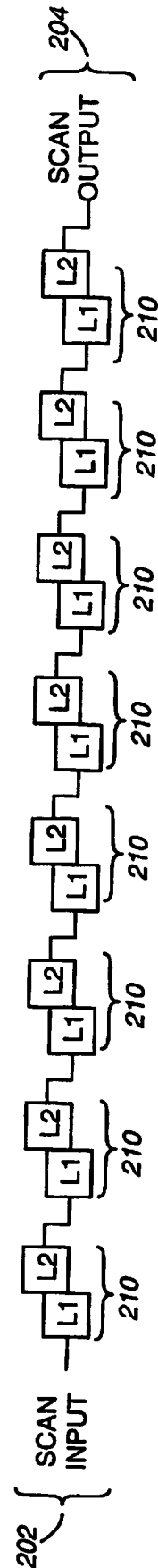
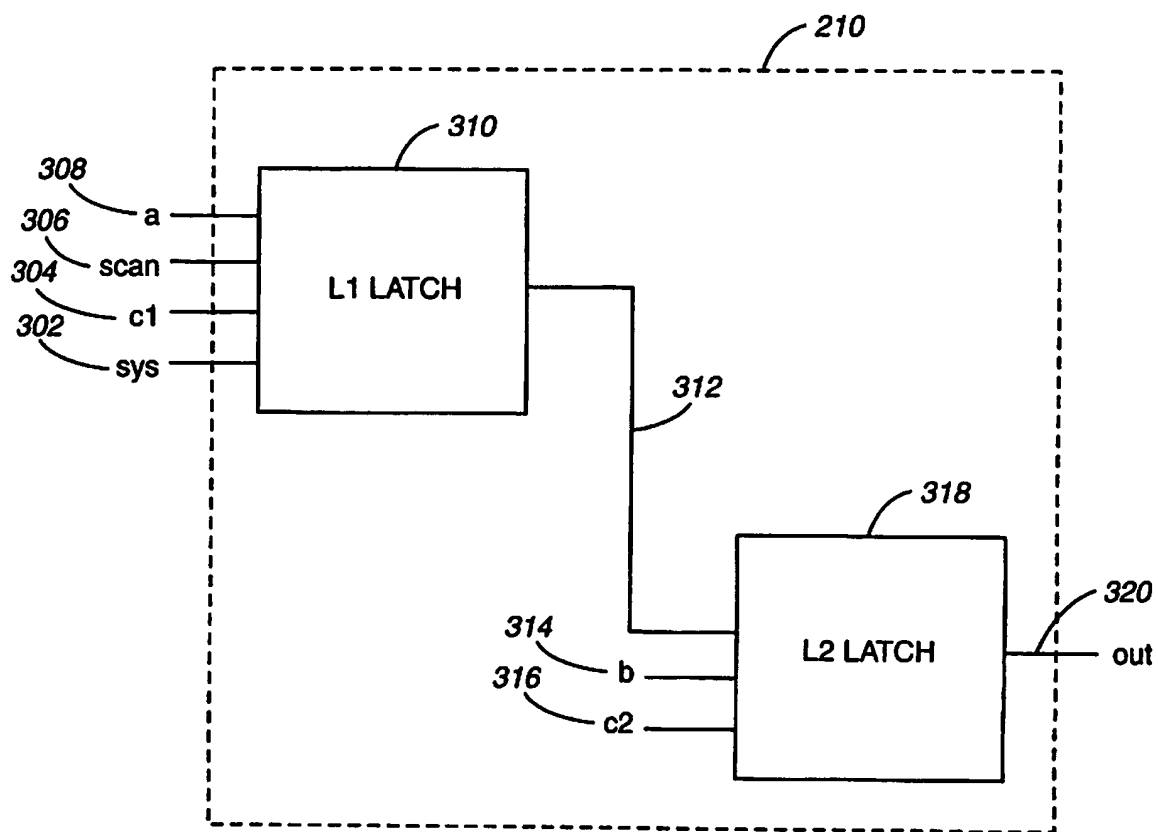


FIG. 2 PRIOR ART



PRIOR ART

FIG. 3





**UNLOAD IN
FAILING
REGION**

PRIOR ART

FIG. 4

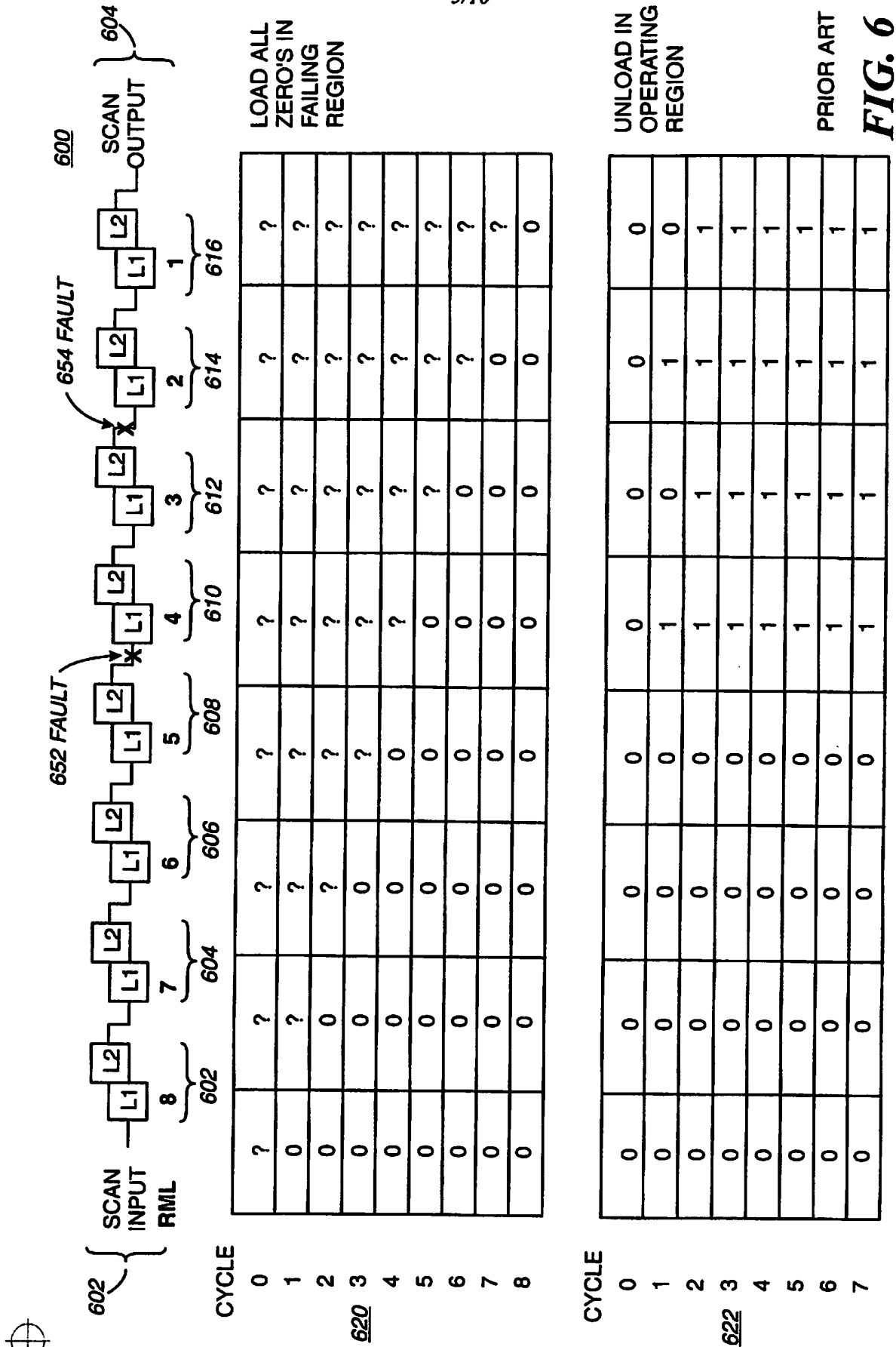


520

522

FIG. 5

5/10





720

722

PRIOR ART

FIG. 7

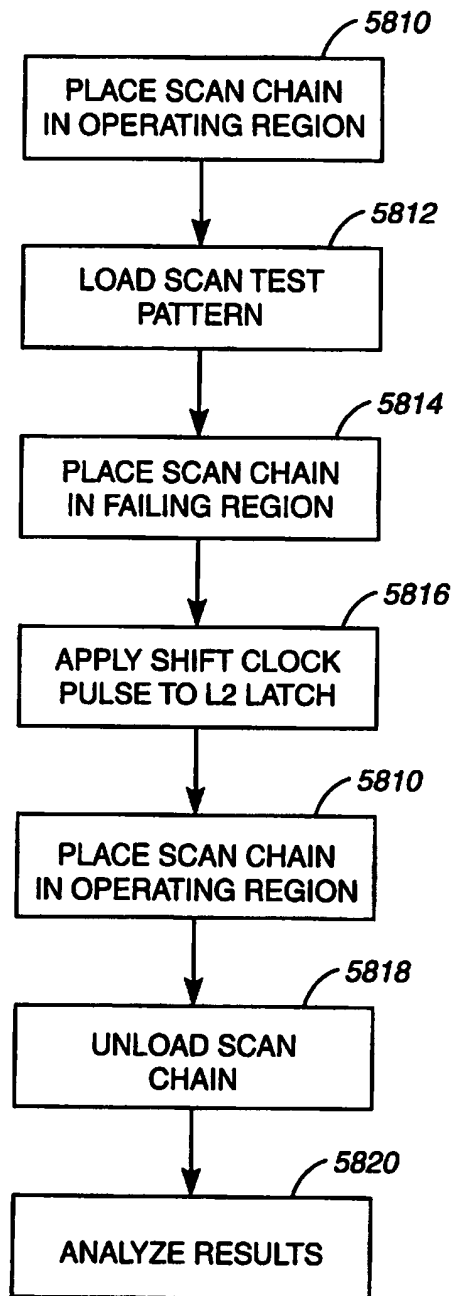


FIG. 8

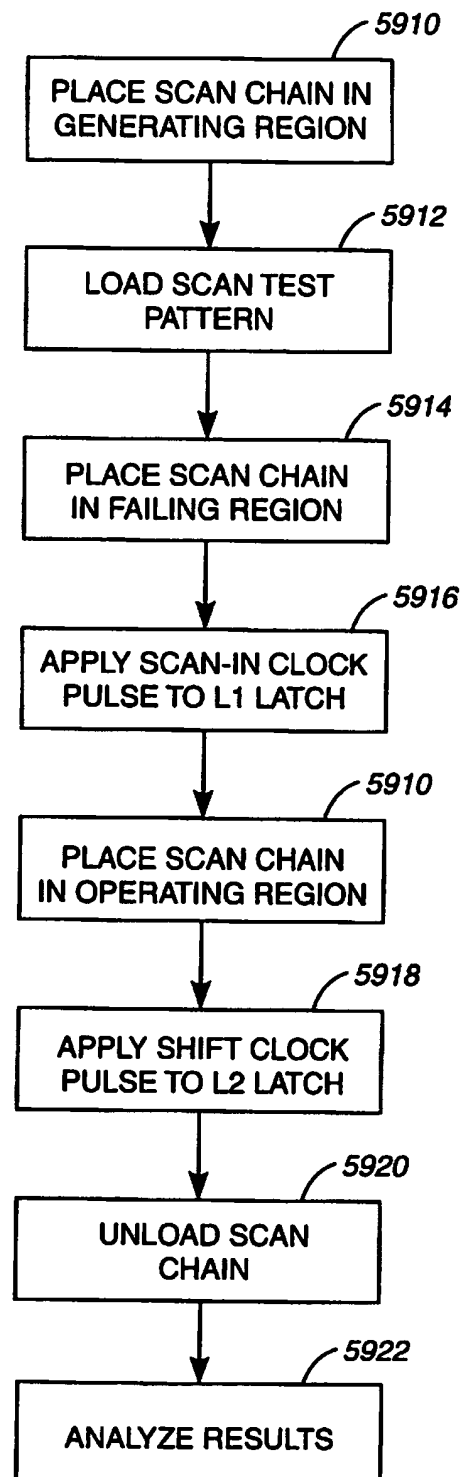


FIG. 9

10/767,046

8/10

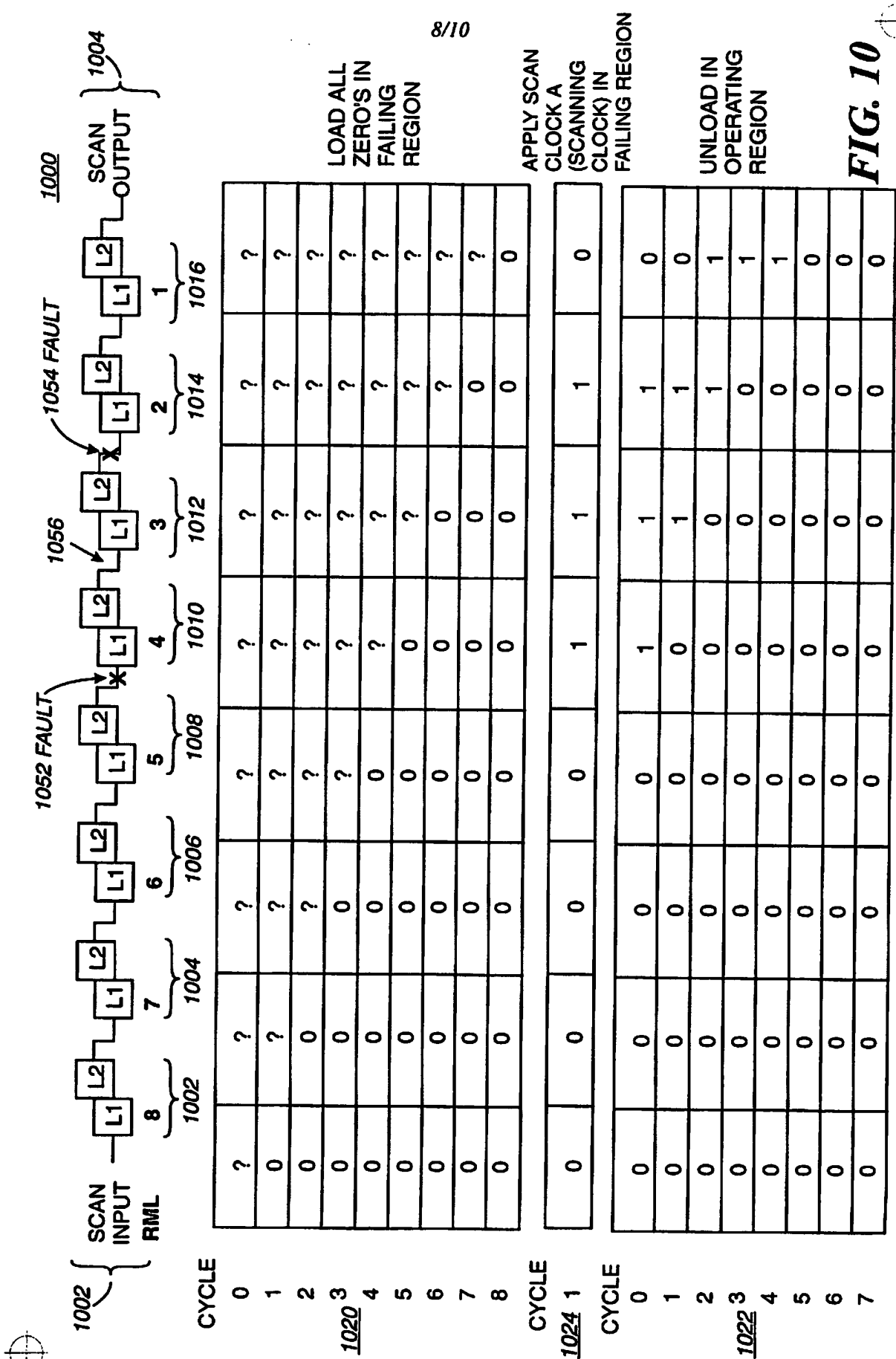


FIG. 10

9/10

INPUT	1102		1104		1106		1108		1110		1112		1114		1116	
	RML8		RML7		RML6		RML5		RML4		RML3		RML2		RML1	
	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2
LOAD L1 AND L2 WITH ZERO'S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITCH TO FAILING REGION	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0
CLOCK A	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
SWITCH TO OPERATING REGION	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0
CLOCK B	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0
UNLOAD L2		0		0		0		0		1		1		1		0

FIG. 11

1100

10/767,026

10/10

INPUT	1202		1204		1206		1208		1210		1212		1214		1216	
	RML8		RML7		RML6		RML5		RML4		RML3		RML2		RML1	
	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2	L1	L2
LOAD L1 AND L2 WITH ZERO'S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITCH TO FAILING REGION	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
CLOCK B	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
SWITCH TO OPERATING REGION	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0
UNLOAD L2		0		0		0		1		1		1		0		0

FIG. 12

1200